

Converting Colors

YIQ(147.7840, -8.8000,
-16.7360)

Have a look what the booklet for
YIQ(147.7840, -8.8000, -16.7360)
contains.

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Color

**YIQ(147.7840, -8.8000,
-16.7360)**

Conversions

Conversions Part 1

Format	Color
Hex	81A181
RGB	129, 161, 129
RGB Percent	51%, 63%, 51%
CMY	0.4942, 0.3686, 0.4941
CMYK	0.20, 0.00, 0.20, 0.37
HSL	120°, 15%, 57%
HSV	120°, 20%, 63%
XYZ	25.7590, 31.7445, 25.5376
YIQ	147.7840, -8.8000, -16.7360

Conversions

Conversions Part 2

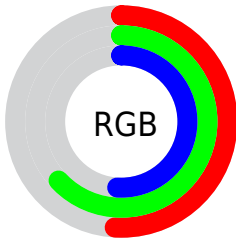
Format	Color
RYB	129, 161, 161
Decimal	8495489
CIELab	63.13, -17.51, 13.09
CIElCh	63, 21.867, 143.218
Yxy	31.7445, 0.3102, 0.3823
Android (android.graphics.Color)	4286685569 (0xFF81A181)
YUV	147.7840, -9.2605, -16.4736
Hunter-Lab	56.3423, -16.9909, 12.5659

Details

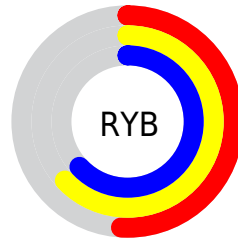
The YIQ color $147.7840, -8.8000, -16.7360$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $142.2160, 8.8000, 16.7360$, and the grayscale version is $148.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $201.9580, -9.3500, -17.7820$, and $96.7240, -8.5710, -15.3790$ is the 20% darker color. If you saturate the color by 10%, you get $141.1760, -13.2000, -25.1040$, and if you desaturate by 10%, it is $154.3920, -4.4000, -8.3680$.

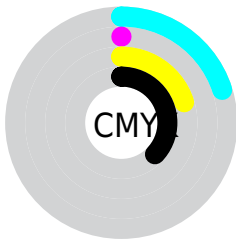
Distribution



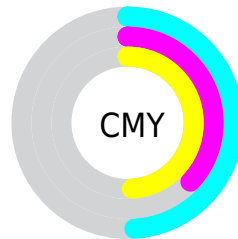
- Red (51%)
- Green (63%)
- Blue (51%)



- Red (51%)
- Yellow (63%)
- Blue (63%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (37%)



- Cyan (49%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.7840, -8.8000, -16.7360 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 147.7840, -8.8000, -16.7360 by changing the saturation by 10% instead.

■ 147.7840, -8.8000,
-16.7360

■ 147.7840, -8.8000,
-16.7360

■ 255.0000, -0.0000,
-0.0000

■ 122.1970, -8.5250,
-16.2130

■ 201.9580, -9.3500,
-17.7820

■ 96.7240, -8.5710,
-15.3790

■ 229.9580, -9.3500,
-17.7820

■ 73.1370, -8.2960,
-14.8560

■ 247.9790, -4.6750,
-8.8910

■ 50.2510, -8.6170,
-14.5450

■ 27.7780, -8.6630,
-13.7110

■ 11.1530, -5.2250,
-9.9370

■ 0.0000, 0.0000,

0.0000

■ 147.7840, -8.8000,
-16.7360

■ 147.7840, -8.8000,
-16.7360

■ 141.1760,
-13.2000, -25.1040

■ 154.3920, -4.4000,
-8.3680

■ 134.5680,
-17.6000, -33.4720

■ 161.0000, -0.0000,
-0.0000

■ 127.9600,
-22.0000, -41.8400

■ 167.6080, 4.4000,
8.3680

■ 121.3520,
-26.4000, -50.2080

■ 174.2160, 8.8000,
16.7360

■ 114.4450,
-31.3960, -58.7880

■ 180.8240, 13.2000,
25.1040

■ 107.7230,
-35.4750, -67.4670

■ 187.8450, 17.8750,
33.9950

■ 101.1150,
-39.8750, -75.8350

■ 194.4530, 22.2750,
42.3630

■ 94.5070, -44.2750,
-84.2030

■ 199.8220, 25.8500,
49.1620

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



150.0590, 9.5390, -13.1890



147.7840, -8.8000, -16.7360



145.7310, -27.6440, -16.6360

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



147.7840, -8.8000, -16.7360



150.1230, -30.9030, 3.8890



155.0320, 32.5050, 11.1370

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



147.7840, -8.8000, -16.7360



142.2160, 8.8000, 16.7360

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



156.1160, 23.7010, 16.5090



147.7840, -8.8000, -16.7360



153.7450, -11.9230, 12.3410

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



147.7840, -8.8000, -16.7360



145.8670, -42.2260, -5.6660



156.0310, 7.8830, 16.8350



154.0500, 32.0940, 2.0620

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



147.7840, -8.8000, -16.7360



144.2230, -37.7770, -14.7130



156.0310, 7.8830, 16.8350



155.8300, 30.2580, 13.3140

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



147.7840, -8.8000, -16.7360



204.0440, -3.3000, -6.2760



157.3520, 10.2720, -9.9520



101.6960, -2.2000, -4.1840



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



147.7840, -8.8000, -16.7360



188.3500, -13.7500, -26.1500



149.6080, -13.9360, -11.7600



78.2830, -2.4750, -4.7070



85.1150, -39.8750, -75.8350



10.5660, -4.9500, -9.4140

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



142.2160, 8.8000, 16.7360



179.6500, 13.7500, 26.1500



140.3920, 13.9360, 11.7600



76.7170, 2.4750, 4.7070



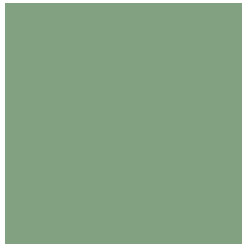
59.8850, 39.8750, 75.8350



7.4340, 4.9500, 9.4140

Previews

White Background



This preview shows how the YIQ color 147.7840, -8.8000, -16.7360 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 147.7840, -8.8000, -16.7360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

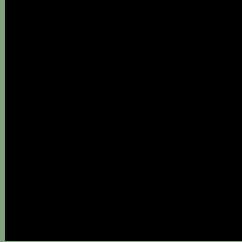
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 147.7840, -8.8000, -16.7360

Background



This preview shows how black text looks on a background with the YIQ color 147.7840, -8.8000, -16.7360.



This preview shows how white text looks on a background with the YIQ color 147.7840, -8.8000,

-16.7360.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

147.7840, -8.8000, -16.7360

Protanopia

151.6130, 14.0310, -6.4890

Deuteranopia

153.3630, 20.9070, 1.0590



Tritanopia

151.3880, -15.7720, -0.5080

Trichromacy



Original Color

147.7840, -8.8000, -16.7360

Protanomaly

149.9000, 5.7330, -10.2910

Deuteranomaly

151.4000, 10.3170, -5.2590

Tritanomaly

150.0690, -13.6160, -6.5440

Monochromacy



Original Color

147.7840, -8.8000, -16.7360

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.0440, -3.3000, -6.2760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.7840, -8.8000, -16.7360 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(129, 161, 129)` looks like.

```
.text, #text, p{  
    color:rgb(129, 161, 129)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(129, 161, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 161, 129) }
```

Border

The CSS property to change the border of an element to YIQ 147.7840, -8.8000, -16.7360 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 161, 129) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(129, 161, 129) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(129, 161, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 161, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 161, 129);  
box-shadow:4px 4px 4px 4px rgb(129, 161,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 147.7840, -8.8000, -16.7360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 161, 129) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(129,  
161, 129) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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